



How do you measure and install Cast Stone shower walls and dishes?

Shower walls are measured after your sheetrock or wall board is installed and finished. It is not recommended to install marble wall panels over an existing product, such as tile.

Follow these guidelines when measuring for your Cast Marble shower walls and recessed dishes:

1. Begin with your back wall and measure sheetrock to sheetrock. If you are using corner molding at your corners, deduct $\frac{1}{2}$ " off your measurement for your final back wall dimension. If you plan on installing your walls without corner molding, the walls must be cut-to-fit ("dry fitted") tight at the corners. With this application, you will need to add $\frac{1}{2}$ " or more to your measurement depending on how plumb and square your walls are.
2. For left and right walls, measure from the back wall's sheetrock to the end of where the shower wall will end. If you are using corner molding, deduct $\frac{1}{2}$ " from your measurement to allow for your final side wall dimension. If you are not using the corner molding, you can keep the dimension the same and add as needed for out-of-square / out-of-plumb walls. Your shower walls will have to be cut-to-fit ("dry fitted") on site during installation if you choose this type of application.
3. Soap and Shampoo Dishes are recessed in between your studs. You can measure your dish location and provide the centerline location with your wall dimensions if you prefer to have the hole pre-set in your panel for easy dish installation, or you can choose to cut the hole on site. To have the hole pre-set in your shower wall, measure from the end of your shower wall to the center of where you prefer your dish to be located. If you added or deducted any dimension to your original shower wall dimension, deduct or add that same dimension to your dish centerline if you are measuring from the back wall to the center of your studs. A template for the hole cutout will be furnished with your Cast Marble product(s) if you choose to cut the dish location on-site.
4. Shower wall height is standard at 70", however you can have your walls at any size up to 70" x 156" or 84" x 120".
5. To avoid problems with the glass installation, all kneewall caps are to be flush (no overhang) on the inside of the shower. Add $\frac{1}{2}$ " – 1" overhang on all sides of the kneewall cap that are outside of the shower. For bench seats, add $\frac{1}{2}$ " – 1" to the depth of the seat for overhang.

Before you begin installation on your Cast Marble shower walls, two people will be needed to move the product(s) from one location to another in most cases. Cast Marble walls need to be transported and stored flat until installation to avoid warping in your wall panels. Tools and materials you may need include a measuring tape, hole saw, skill saw, masonry blade, belt sander, caulking gun, rags, paintable caulk, hot glue gun and hot glue sticks, and 100% mildew/mold resistant silicone. You may

not need to use all of these tools; however you may want to have them on hand in case you need them. If you have chosen a color in an onyx material group of colors, the sheetrock or wall board must be primed with white paint primer before your marble walls are installed due to the translucency of these colors. Follow these installation guidelines when installing your Cast Marble Shower Walls:

1. If you are cutting-to-fit (“dry-fitting”) your cast marble walls, make sure all cuts are made on the back side (unfinished side) of the wall panel, including any soap/shampoo dish cutouts that may be needed. Do not cut any finished sides; all cuts should be done on the side of the panel going against the wall. A skill saw with a masonry blade or a belt sander can be used for any cuts or scribing needed for the walls.
2. Make sure all plumbing holes are drilled out of the plumbing panel before you begin installation of this panel. A bi-metal or carbide hole saw can be used for any plumbing holes that need to be drilled out. Always check the manufacturer’s instructions on what size holes to drill for all plumbing fixtures. Drill wall panels on flat, supported surfaces only, making holes 1/8” larger in diameter than indicated on the fixture’s manufacturer instructions. To avoid any stress cracking in the marble wall panels, sand or file the inside of all holes drilled out.
3. Wipe all dust, dirt, etc. off all the walls and all sides of the Cast Marble wall panels before installation. Cast Marble wall panels are installed on top of the shower pan curbs (in front of the tile flange). Begin with installing your back wall panel first. Use 100% mildew/mold resistant silicone to attach your walls to the sheetrock / wall board. Apply 2” diameter x 1/4” thick spots of silicone every running foot of wall edges and one every square foot to the backside of the marble wall panel. Do not conform the panels to bend around bowed walls; this can cause the silicone to break loose after installation.
4. Use 100% mildew/mold resistant silicone for all seams where cast marble meets cast marble. Use paintable latex caulk on the outer perimeters of any marble pieces that meet the sheetrock or wall board. This will allow for painting on the walls around your Cast Marble Shower.
5. If corner molding is being used in the corners, install these last . If you are not using corner molding, all wall panels need to be installed with a tight fit, which requires accurate cuts and scribing against all out-of-square / out-of-plumb walls.
6. Any recessed soap/shampoo dishes should set back in between two studs. Hot glue and silicone is recommended for installation, however silicone alone can be used along with some painters tape to support the dish until the silicone has dried. Use dots of silicone and hot glue on the back side of the dish to attach to the cast marble wall. If you are using silicone alone, use a good amount of painters tape around the perimeter of dish to support the dish until the silicone has dried.
7. Denatured alcohol can be used for any excess silicone or dirt that may need cleaned up after installation.
8. Make sure you allow all silicone and caulking to dry for at least 24 hours before any water is used in the shower.
9. Plumbing fixtures and glass can now be installed. It is recommended that the protective wrap on the panels stay on until all work is completed in and around the shower.

If you have any questions regarding the installation of your Cast Marble Shower, please call us at 770-478-0770.